

METHOD, SYSTEM AND STORAGE MEDIUM FOR PERFORMING ONLINE VALVE DIAGNOSTICS

ABSTRACT OF THE DISCLOSURE

Methods and systems for performing online valve diagnostics. Valve characteristics such as step response, friction and spring range are determined while the valve is operating in a process without intervention by a controller deriving the valve diagnostics. Valve information is obtained while the valve operates in response to a control signal controlling a process while the valve operates through a series of gradual movements. Valve characteristics are then determined from the valve information.